

We're Reinventing Analytic Services



ArrowHead is a unique consulting and analytics company committed to empowering clients via predictive economic forecasting, decision and risk assessment, expert testimony and data analysis. Founded on a 40-year history of academic research and practical field work, our models have helped clients better understand future commodity markets—and thus make better choices—in a way that's transparent and secure.

A New Way to Understand the Market

ArrowHead distinguishes itself as a unique, forward-looking consultancy firm grounded in agent-based microeconomics as the cornerstone of our analytical models. Unlike more traditional forecasting techniques—like linear optimization & extrapolation of historical trends—agent-based microeconomics helps us dissect the complexities of future commodity markets by examining how individual players in the market make decisions and interact with one another. This methodology allows us to understand economic systems by simulating the behaviors and interactions of individual economic agents, like consumers and businesses. Our central mission is to equip clients with invaluable insights into the complex dynamics of future commodity markets, providing a strategic vantage point from which to make better informed decisions and skillfully navigate the intricate landscape of potential market events.

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▲ EXPERTISE

The ArrowHead Advantage

⁰¹ Assess Regulatory Impacts

⁰² Explore Geopolitical Impacts

⁰³ Forecast Price

⁰⁴ Predict Import/Export Quantities

⁰⁵ Evaluate Industry Capacities

⁰⁶ Analyze Risk

Let's get straight to the point—relying primarily on extrapolation of historical trends, optimization, or system dynamics is all but obsolete. While the other guys reactively depend on traditional methods, leading to clouded judgement and potentially staggering losses, ArrowHead employs the latest microeconomic data analysis to create a fuller picture of current and future market trends. From price forecasting to regulatory impact assessments, geopolitical evaluation and risk analysis, our mission is to equip our clients with the tools and knowledge to make better decisions through better science.

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▲ SOLUTIONS

Software

Industry-leading commodity market forecasting software.

Consulting

Distilling expansive microeconomic data into practical real-world applications.

Training

Ensure companies are literate in probability, economic theory & even ethics.

Stay a Step Ahead with Science, Not Speculation

▲ SOFTWARE

Explore Our Software

▲ FEATURES

- 01 'Out-Of-The-Box' & Custom Solutions
- 02 Universally Compatible
- 03 End-To-End Encryption
- 04 Gen 4 Capability
- 05 Cloud-Based
- 06 Ongoing Technical Support & Training
- 07 Unique Licensing Options

While other companies rely primarily on extrapolation of historical trends and anecdotal evidence, ArrowHead employs advanced modeling software that draws on over 30 years of compounded data. From our proprietary models to our tailor-made solutions and unique licensing options, our mission is to equip our clients with the tools and knowledge to make better decisions through better science.

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▲ ABOUT US

What Sets Us Apart

Experience

Over 40 years of trial, error, innovation & development has made us one of the industry's leading firms.

Accurate, Transparent & Confidential

We stand behind our models, and have earned the trust of our clients through our unwavering commitment to security.

Proprietary & Tailor-Made Solutions

When required, our models can be custom-designed from scratch to ensure they address your unique requirements.

Cost-Effective

Bringing you better service & senior-level consultants at rates that compete with less experienced firms.

Make Better Business Decisions With ArrowHead Economics Consulting

▲ CONSULTING

Explore Our Consulting Services

▲ EXPERTISE

- 01 Economic & Market Analysis
- 02 Outsourced Decision Analysis
- 03 Expert Testimony
- 04 Outsourced Data Analysis
- 05 Ethics Assessments

Our consulting services are meticulously designed with your success in mind. Utilizing cutting-edge economic modeling techniques and conducting comprehensive research, we analyze markets, factors, costs, market drivers, and risks and predict the impacts of various events. Armed with such insights, you gain a deeper understanding of the opportunities that lie ahead, empowering you to make decisions that drive your profitability forward.

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“ We Thought Gas Prices Were Going Up. We Were Dumping Long Term Contracts To “Ride The Market Up.” Dr. Nesbitt Showed Us Gas Prices Were About To Go Down, And Why. We Kept All Our Long Term Contracts And “Locked In” Most Of Our Gas At Today’s Price Using Long Term Contracts. When Prices Dropped, Just As He Said, We Made Billions In Profits By Selling Out Gas At Contracted Price, Well Above The Market Price.”

▲ SENIOR VP

Marc Williams

UPSTREAM INTEGRATED MAJOR OIL COMPANY

Empower Your Team With ArrowHead Training Programs

▲ TRAINING

Explore Our Training Programs

▲ COURSES

- 01 Ethics
- 02 Probability
- 03 Economics

Arrowhead Ethics, Economic and Probability training programs have been honed and streamlined by Dr. Nesbitt's academic experience as Adjunct Lecturer at Sanford's School of Management Science and Engineering. By the time you've completed our courses, your team will be equipped with the comprehensive understanding and competitive skill set needed to make better-informed market decisions.

▲ FEATURES

Training Features

Duration

1 WEEK COURSE:
Split to accommodate your
schedule & availability

Composition

2 MODULES:
Designed to focus on your
most pressing needs

In Class

30 HOURS OF LECTURE TIME:
Can't join? Live sessions are recorded so
you can watch or re-watch on your time.

At Home

4 HOURS INDEPENDENT STUDY:
Retain information more thoroughly
through guided independent study.

Materials

COURSE MATERIALS PROVIDED:
Follow along with our comprehensive
course material package—yours to keep
and refer back to.

Recognition

CERTIFICATION UPON COMPLETION:
Demonstrable proof of your grasp of our
various training programs.

▲ EXPERTISE

Meet Your Professor

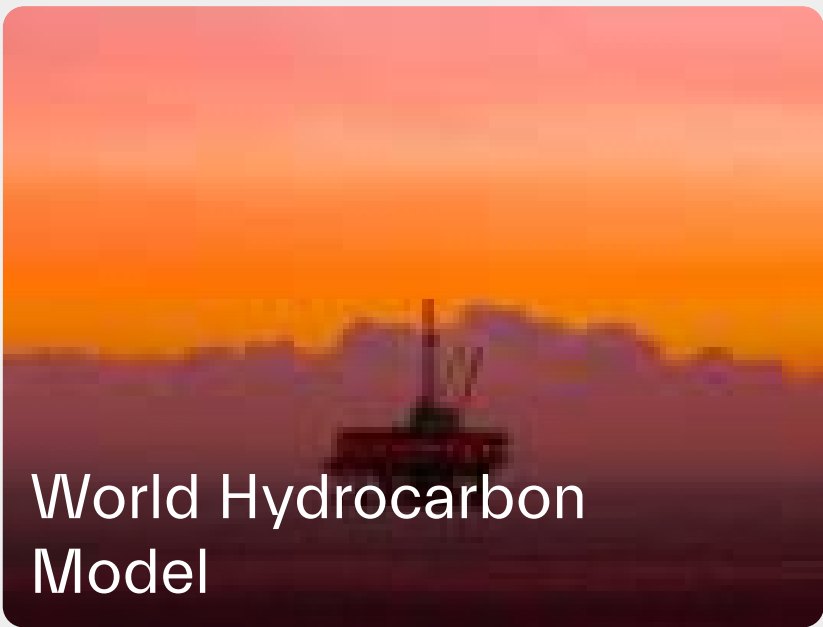
DR. DALE NESBITT

With over four decades of experience as an accomplished educator and researcher, Dr. Dale Nesbitt has left an indelible mark on academia through his impactful work as an adjunct lecturer at the renowned Stanford School of Management Science and Engineering



Unveiling Market Mechanisms with Comprehensive Models

ArrowHead Models are the cornerstone of our services, providing accurate and predictive insights into a variety of commodity markets by charting probability curves derived from microeconomic market drivers. With nearly four decades of refinement, these models stand as a testament to our commitment to accuracy and innovation. They have not only withstood the test of time but have also consistently delivered valuable insights to our consultants and clients alike. Arrowhead modeling empowers companies to gain a deeper understanding of both current and future markets—enabling them to make profitable, growth-oriented decisions in a climate of uncertainty.



World Hydrocarbon Model



Renewables



Regional/National Electric Models



World Lithium Model



Storage Models



World Rare Earths Model



Water

Our Guiding Principles

At our core, we are guided by three fundamental principles: accuracy, confidentiality, and transparency. With uncompromising dedication, we ensure the utmost precision in our work, maintaining strict security protocols to safeguard our clients' sensitive information, and upholding transparency as a cornerstone of our business practices. This commitment forms the foundation of our mission to provide exceptional service, and has resulted in nearly 40 years of well-placed trust from our esteemed clientele.

Our Mission

To equip our clients with the tools and knowledge make better decisions through better science.

Our Vision

To redefine the traditional methods of data analytics with cutting-edge technology that's predictive, accurate and accessible.

Our Values

Accuracy, confidentiality, agility and transparency are the four pillars of the Arrowhead Advantage.

Our Promise

From software integration to ongoing consultation, we are committed to supporting our clients every step of the way.

Empower your business decisions today.

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